

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	BENCHMARK (3U7)	AIRPORT REFERENCE CODE:	B-II (LG)
CITY:	BENCHMARK	APPROACH TYPE:	VISUAL
CONTACT:	U.S FOREST SERVICE	DATE INVENTORIED:	5-20-96
PHONE #:	466-5341	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 12/30 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	200'	NONE		NO
PARALLEL TAXIWAY FROM CENTERLINE:	240'	NONE		N/A
AIRCRAFT PARKING FROM CENTERLINE:	250'	200'		NO
RUNWAY WIDTH:	75'	100'		✓
RUNWAY LENGTH:	11,230' (1)		6,000'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	(2)		NO
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	(3)		NO
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	(4)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	400' WIDE x 200' BEYOND			(3)
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		POOR (5)		N/A
RUNWAY 12 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	(6)		NO
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	(7)		NO
APPROACH OBSTRUCTIONS:	20:1	(8)		NO
RUNWAY END ELEVATION:			5,307.1	N/A
RUNWAY 30 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	(9)		NO
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	(10)		NO
APPROACH OBSTRUCTIONS:	20:1	(11)		NO
RUNWAY END ELEVATION:			5,430.4	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	NONE		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'			
TYPE:				
CONDITION:				
COLOR:	WHITE			
THRESHOLD 12				
DISTANCE FROM PAVEMENT EDGE:	10'			
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'			
COLOR:	RED/GREEN			
THRESHOLD 30				
DISTANCE FROM PAVEMENT EDGE:	10'			
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'			
COLOR:	RED/GREEN	▼		▼

COMMENTS: (1) RW LENGTH OF 6,800' FOR 75% @60% LOAD, 8,830' FOR 75% @90% LOAD, 10,380' FOR 100% @60% LOAD, AND 11,230' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 4,680' FOR 75%, 6,570' FOR 95%, AND 6,590' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 6,00 (2) SHOULDERS ARE NOT IN THE 3%-5% RANGE - VERY SHALLOW (3) ROCKS, LOG PIECES, SMALL PINES, SAGE BRUSH & SLASH PILES WITHIN A B-I SIZED OFA. FENCELINES MOSTLY 200' FROM CENTERLINE, BUT SOME AS CLOSE AS 146' FROM CL. OUTSIDE FENCES LARGE PINES IN OFA IN MANY LOCATIONS - PORTION OF ROAD IN OFA; (4) TERRAIN AND PINE TREES PENETRATE PRIMARY SURFACE AND TRANSITIONAL SURFACE ON BOTH SIDES AT MANY LOCATIONS; (5) CENTERLINE STRIPES WERE FAIRLY FADED, BUT END NUMBERS IN GOOD CONDITION - EVIDENCE OF END NUMBER CHANGE FROM 12 TO 14; (6) VERY ROCKY TERRAIN IN OFA WITH UNEVEN TERRAIN STARTING ABOUT 260' FROM RW END 3' PILE OF MATERIAL IN RSA; (7) BRUSH, FENCELINE AND ROAD IN OFA; (SEE FOLLOWING SHEET FOR CONTINUATION OF COMMENTS)

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	35'	40' & 50'		✓
TAXIWAY SAFETY AREA WIDTH:	79'	(12)		NO
TAXIWAY OBJECT FREE AREA WIDTH:	131'	(13)		NO
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'	(13)		NO
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
TAXIWAY LIGHTING INVENTORY		NONE		N/A
DISTANCE FROM PAVEMENT EDGE:	10'	↓		↓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'			
TYPE:				
CONDITION:				
COLOR:	BLUE	↓		↓

MISCELLANEOUS

TYPE OF BEACON:	NONE
SIZE OF BEACON:	N/A
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	NONE
WINDCONE (CONDITION & COMPLIANCE):	NW CORNER OF 12 END APRON; GOOD COND; 20' HIGH
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	NONE
WINDCONE (CONDITION & COMPLIANCE):	NEAR MIDFIELD; GOOD COND BUT SOCK NEARLY GONE; 20' HIGH
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	POOR - MISSING PANELS AND VERY WEATHERED
FENCING:	FAIR TO GOOD; MIXTURE OF WOOD POST JACK AND METAL POST
SIGNS: (TYPE, CONDITION, PLACEMENT)	NONE

COMMENTS: (8) PINE TREES LEFT AND RIGHT OF CL (25%) AND BRUSH BEYOND FENCE (12%) PENETRATE APPROACH SURFACE; (9) RISING TERRAIN IN RSA; (10) FENCE IN OFA; (11) TREES (10%), BRUSH (8%) AND TERRAIN PENETRATE APPROACH SURFACE

(12) SHALLOW GRADING OF SHOULDERS SIMILIAR TO RUNWAY

(13) SUBSTANTIAL SAGE BRUSH IN OFA ON BOTH TAXIWAYS, TAXIWAY AT 30 END HAS 3' NONFRANGIBLE WOOD POST WITH VEHICLE ALERT SIGN 33' FROM CL - IN TAXIWAY OFA